

Abstract

Current Conductor Made of Braided Wire

5 A current conductor made of braided wire is provided for use in applications of
over 10 A/mm^2 density or in pulsating applications. The current conductor is formed by
braiding conductor-containing groups (11); the groups (11a, 11b) intersect one another
at an angle. The braid has a cross section of closed profile, and within the cross section
a spacer (12) is positioned for preserving the shape of the profile and for maintaining
10 spaced the braid portions facing one another. The angle of intersection of the mutually
intersecting groups (11) is $90^\circ \pm 30^\circ$.

15 Characteristic Figure: Figure 1